

TITLE: TRANSGENIC MANIPULATION OF SN-GLYCEROL-3-
PHOSPHATE AND GLYCEROL PRODUCTION WITH A
FEEDBACK-DEFECTIVE GLYCEROL-3-PHOSPHATE
DEHYDROGENASE GENE

Inventor: Zou et al.

Serial No.: 10/088,079

Docket No.: 3015-7453US



Figure 1

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1 atgaaccaacgtaatgcttcaatgactgtgatcggtgccggctcg
  M N Q R N A S M T V I G A G S 15
46 tacggcaccgctcttgccatcacccctggcaagaaatggccacgag
  Y G T A L A I T L A R N G H E 30
91 gttgtcctctggggccatgaccctgaacatatcgcaacgcttgaa
  V V L W G H D P E H I A T L E 45
136 cgcgaccgctgtaacgccgcgttttctccccgatgtgccttttccc
  R D R C N A A F L P D V P F P 60
181 gatacgctccatcttgaaagcgatctcgccactgcgctggcagcc
  D T L H L E S D L A T A L A A 75
226 agccgtaatatctctcgctcgctacccagccatgtcttttggtgaa
  S R N I L V V V P S H V F G E 90
271 gtgctgcgccagattaaaccactgatgcgtcctgatgcgcgtctg
  V L R Q I K P L M R P D A R L 105
316 gtgtgggcgaccaaagggtggaagcggaaaccggacgtctgtta
  V W A T K G L E A E T G R L L 120
361 caggacgtggcgcggtgaggccttaggcgatcaaattccgctggcg
  Q D V A R E A L G D Q I P L A 135
406 gttatctctggcccaacgtttgcgaaagaactggcggcaggttta
  V I S G P T F A K E L A A G L 150
451 ccgacagctatctcgctggcctcgaccgatcagacctttgccgat
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  S N P D F I G V Q L G G A V K 195
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  N V I A I G A G M S D G I G F 210
631 ggtgcgaatgcgcgtacggcgctgatcaccgtgggctggctgaa
  G A N A R T A L I T R G L A E 225
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  M S R L G A A L G A D P A T F 240
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  M G M A G L G D L V L T C T E 255
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811 atggatgtacaaagcgcgcaggagaagattggtcaggtggtggaa
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856 ggctaccgcaatacgaaagaagtccgcgaactggcgcacgccttc
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  G V E M P I T E E I Y Q V L Y 315
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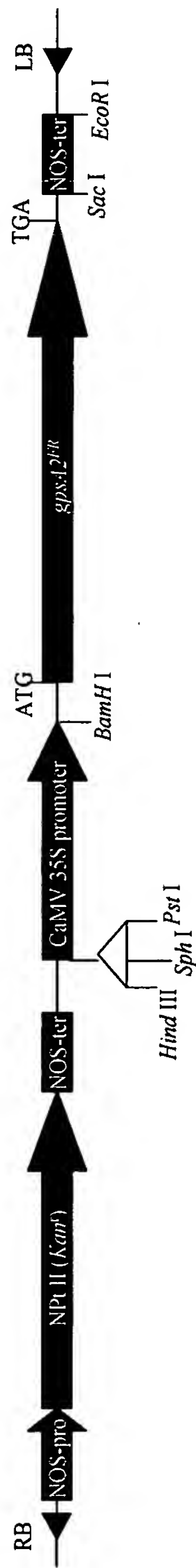
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Figure 2



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Figure 3

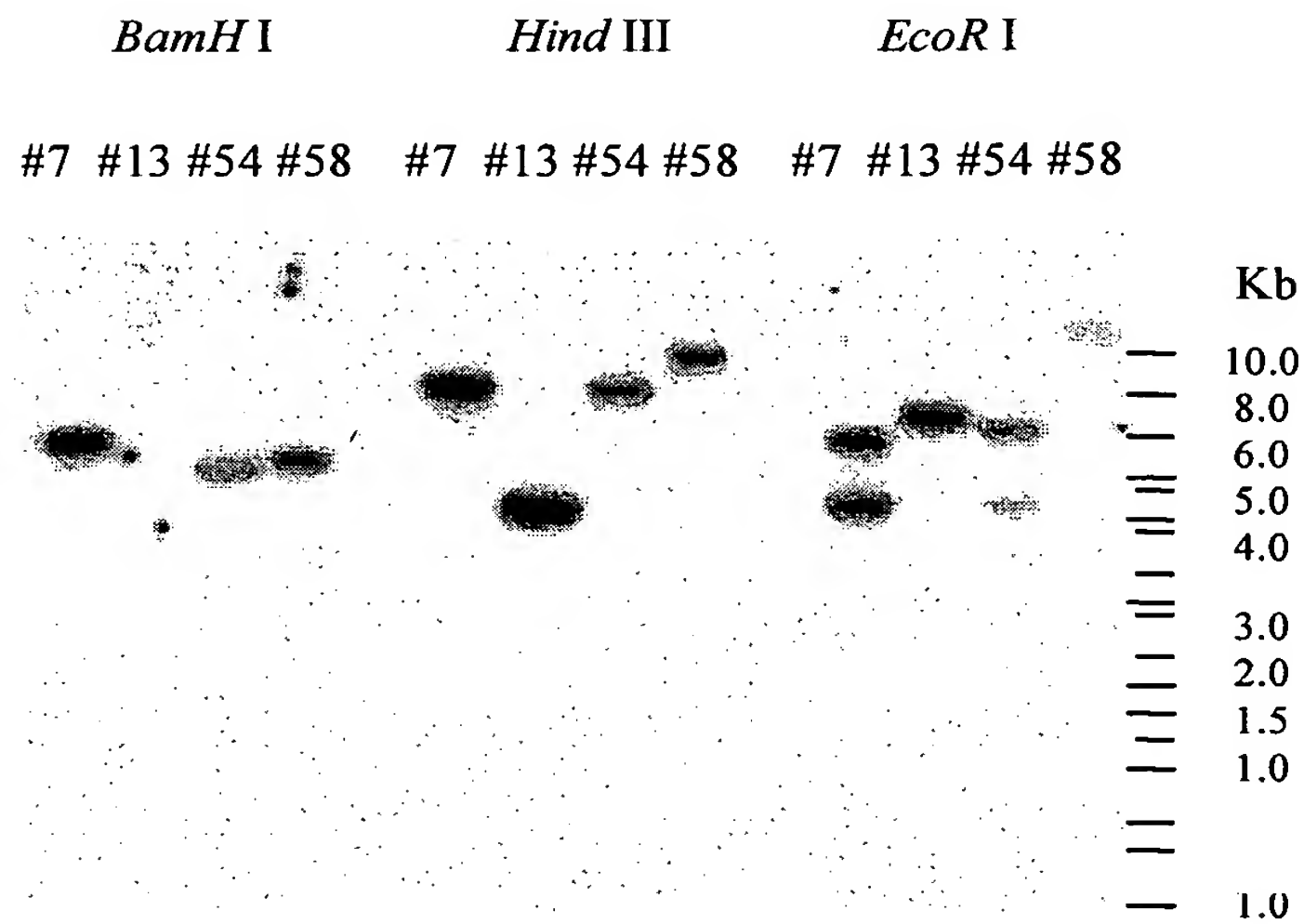
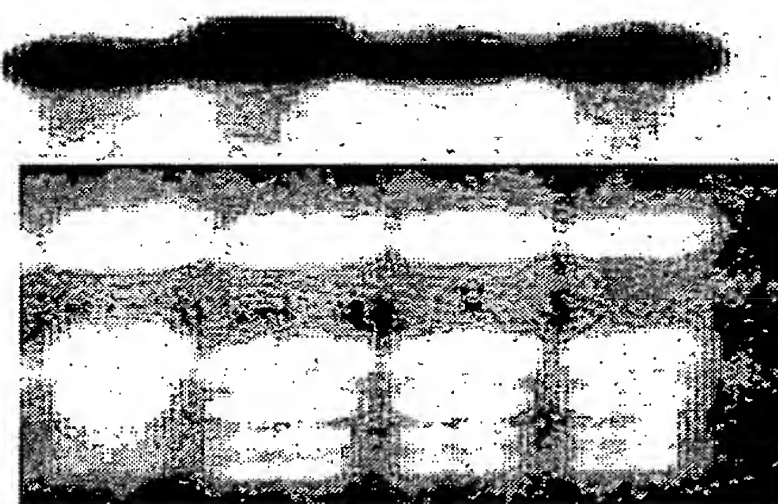


Figure 4

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Figure 5

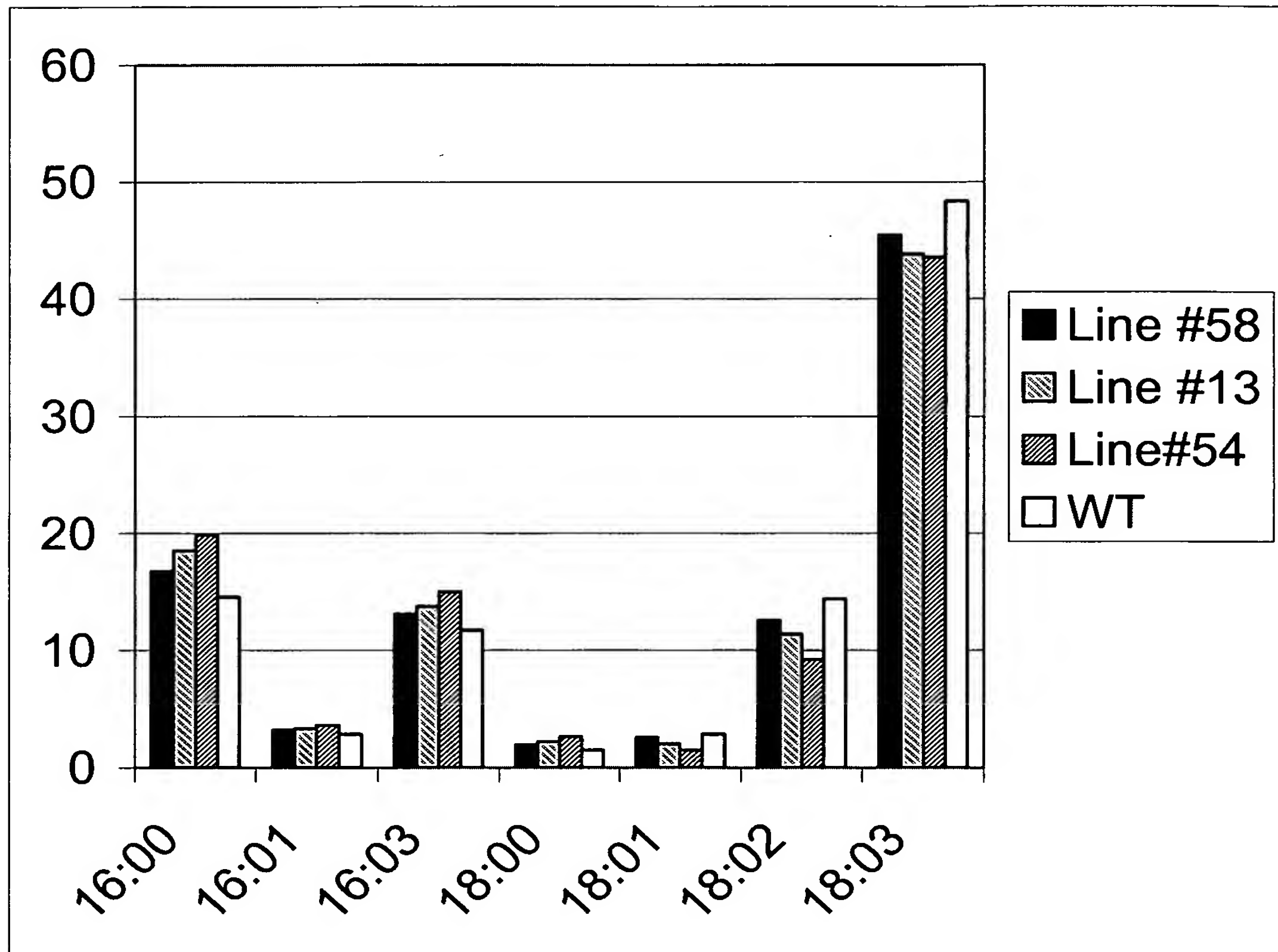
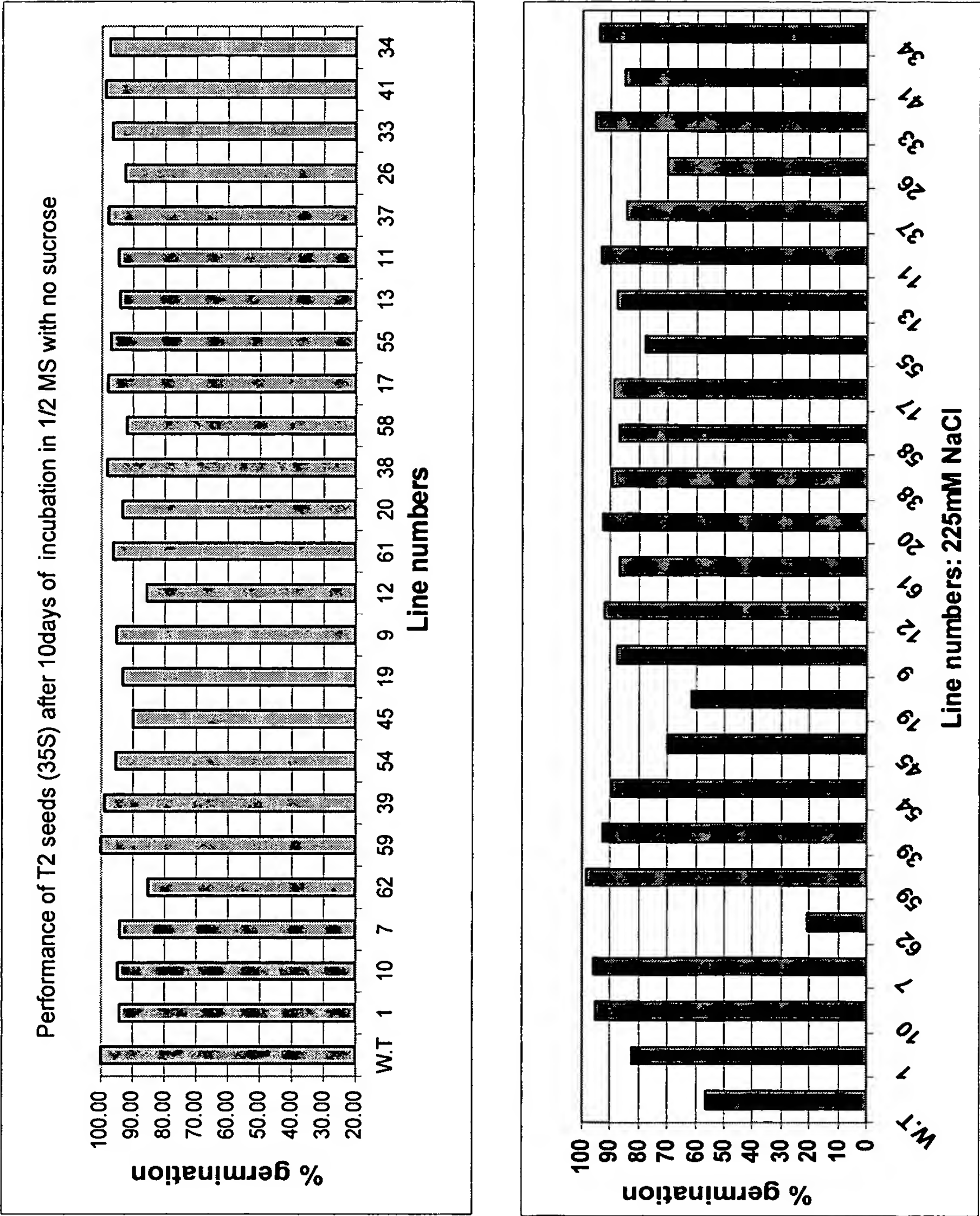


Figure 6



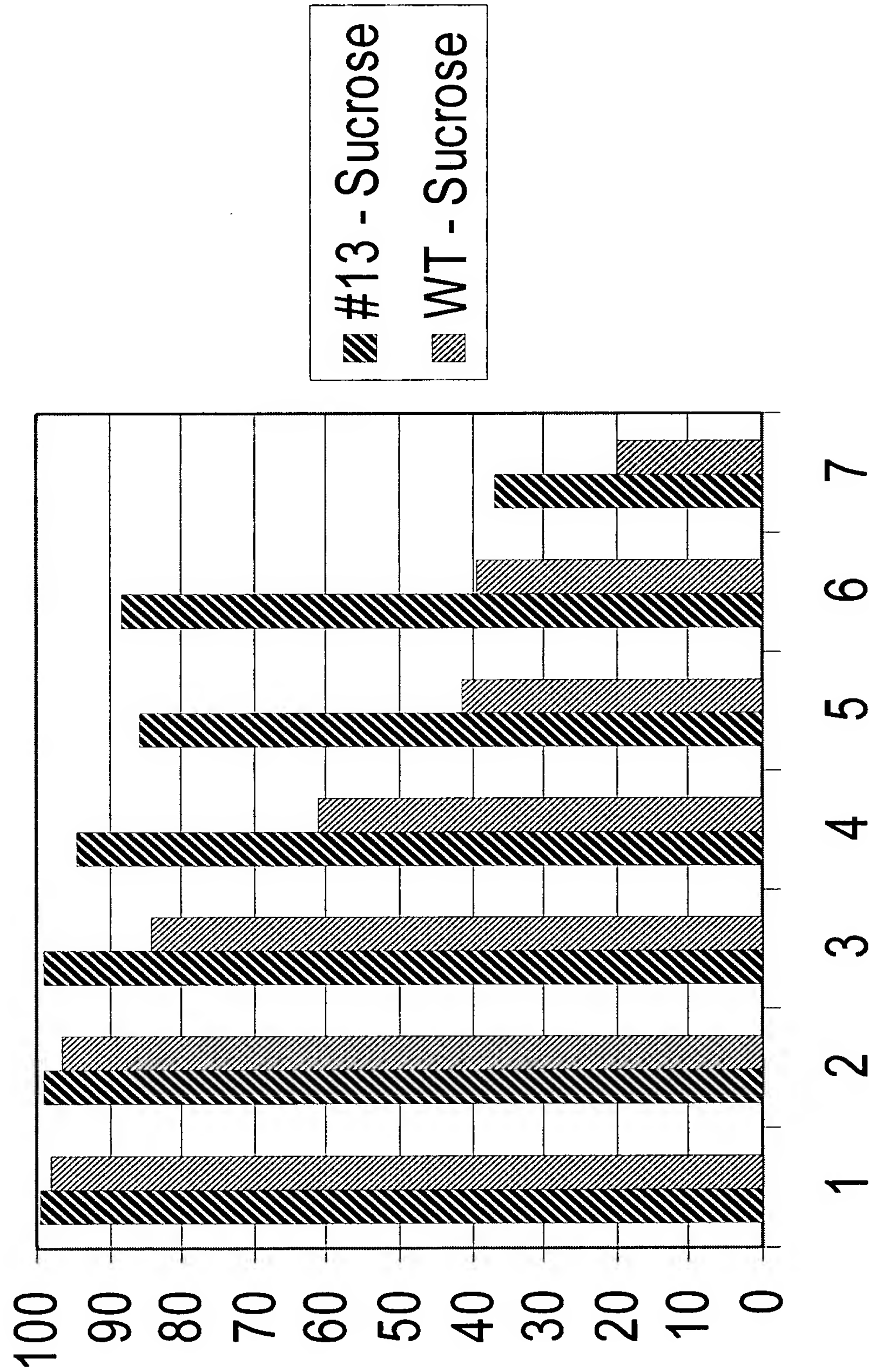
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Figure 7



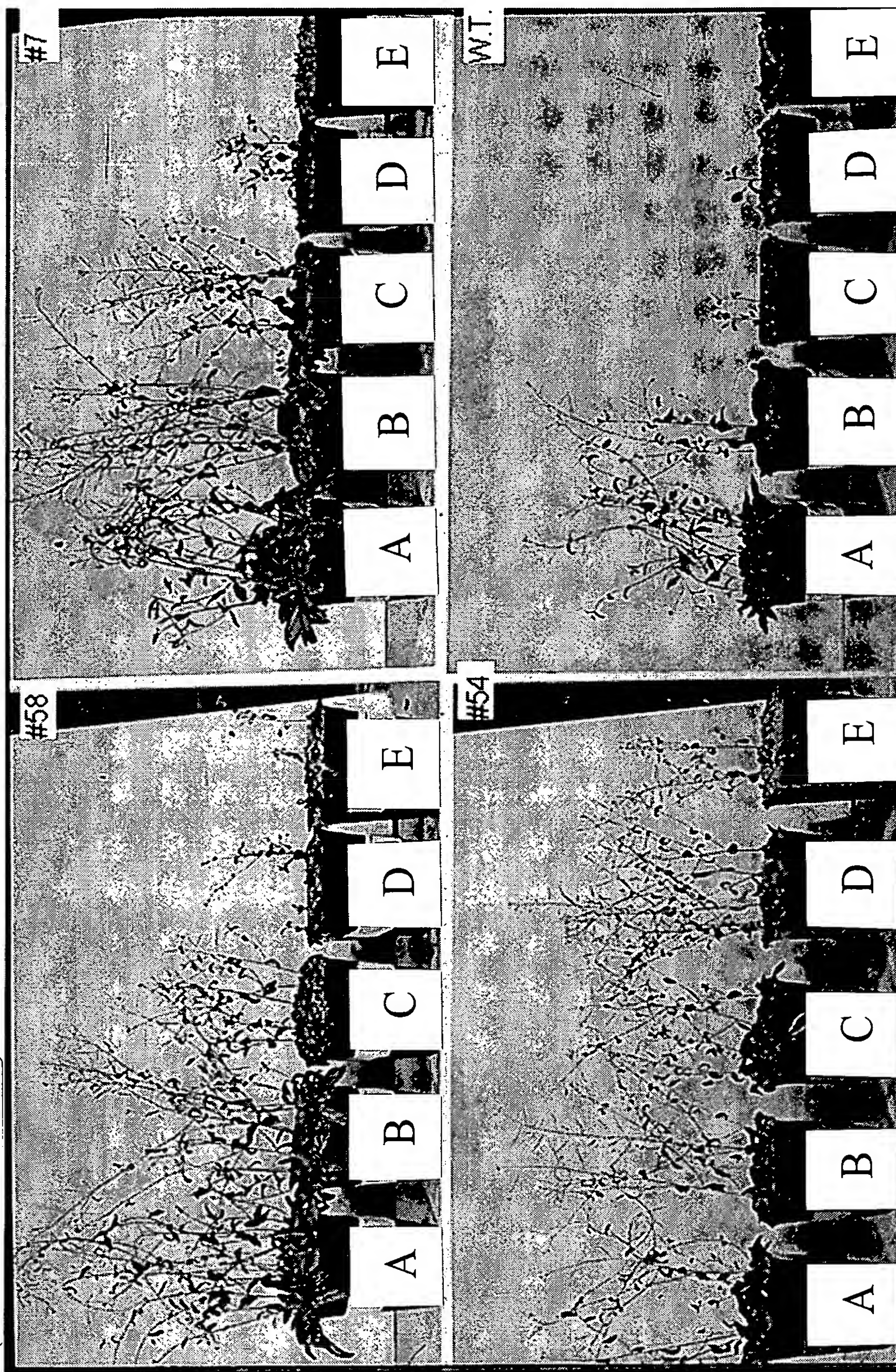
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Figure 8



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